

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

|                        |                |
|------------------------|----------------|
| Application Number     | 10814527       |
| Filing Date            | 2004-03-30     |
| First Named Inventor   | Robert Alpern  |
| Art Unit               | 1615           |
| Examiner Name          | Neil S. Levy   |
| Attorney Docket Number | ILPS 04021.101 |

## **U.S. PATENTS**

[Remove](#)

| Examiner Initial* | Cite No | Patent Number | Kind Code <sup>1</sup> | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| <i>ML</i>         | 1       | 5935599       |                        | 1999-08-10 | Dadey   |  |

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

## **U.S. PATENT APPLICATION PUBLICATIONS**

[Remove](#)

| Examiner Initial* | Cite No | Publication Number | Kind Code <sup>1</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|                   | 1       |                    |                        |                  |   |  |

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)

## **FOREIGN PATENT DOCUMENTS**

[Remove](#)

| Examiner Initial* | Cite No | Foreign Document Number <sup>3</sup> | Country Code <sup>2</sup> j | Kind Code <sup>4</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T <sup>5</sup>           |
|-------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
|                   | 1       |                                      |                             |                        |                  |   |  | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

[Add](#)

## **NON-PATENT LITERATURE DOCUMENTS**


[Remove](#)

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>5</sup> |
|--------------------|---------|---|----------------|
|                    |         |   |                |

*Neil S. Levy*

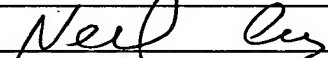
12/09/07

|   |                        |                |            |
|---|------------------------|----------------|------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>( Not for submission under 37 CFR 1.99) | Application Number     |                | 10814527   |
|   | Filing Date            |                | 2004-03-30 |
|   | First Named Inventor   | Robert Alpern  |            |
|   | Art Unit               | 1615           |            |
|   | Examiner Name          | Neil S. Levy   |            |
|   | Attorney Docket Number | ILPS 04021.101 |            |

|  |   |   |                          |
|--|---|---|--------------------------|
|  | 1 | DAI, et al., Controlling Ion Transport Through Multilayer Polyelectrolyte Membranes by Dervatization with Photolabile Functional Groups, Macromolecules, 2002, Vol. 35, pp. 3164-3170, American Chemical Society                                      | <input type="checkbox"/> |
|  | 2 | ESTRELA-LOPIS, et al., SANS Studies of Polyelectrolyte Multilayers on Colloidal Templates, Langmuir, 2002, Vol. 18, pp. 7861-7866, American Chemical Society  | <input type="checkbox"/> |
|  | 3 | GERSTMAN, et al., Use Of Sodium Polystyrene Sulfonate In Sorbitol In The United States, 1985-1989, Vol. XVIII, No. 5(November), 1991, pp. 619-621, American Journal of Kidney Diseases  | <input type="checkbox"/> |
|  | 4 | KIM, et al., Therapeutic Approach to Hyperkalemia, Nephron, 2002, 92(supl 1), pp. 33-40, Division of Nephrology, Department of Internal Medicine, Hanyang University Kuri Hospital, Kuri, Korea   | <input type="checkbox"/> |
|  | 5 | Meszaros, et al., Adsorption of Poly(ethyleneimine) on Silica Surfaces: Effect of pH on the Reversibility of Adsorption, Langmuir, 2004, Vol. 20, pp. 5026-5029, American Chemical Society  | <input type="checkbox"/> |
|  | 6 | PICART, et al., Microinterferometric Study of the Structure, Interfacial Potential, and Viscoelastic Properties of Polyelectrolyte Multilayer Films on a Planar Substrate, J. Phys. Chem. B, 2004, Vol. 108, pp. 7196-7205, American Chemical Society | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

#### EXAMINER SIGNATURE

|                    |   |                 |          |
|--------------------|---|-----------------|----------|
| Examiner Signature |  | Date Considered | 12/09/07 |
|--------------------|---|-----------------|----------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |                |
|------------------------|----------------|
| Application Number     | 10814527       |
| Filing Date            | 2004-03-30     |
| First Named Inventor   | Robert Alpern  |
| Art Unit               | 1615           |
| Examiner Name          | Neil S. Levy   |
| Attorney Docket Number | ILPS 04021.101 |

**U.S. PATENTS**[Remove](#)

| Examiner Initial* | Cite No | Patent Number | Kind Code <sup>1</sup> | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
|                   | 1       |               |                        |            |   |  |

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)**U.S. PATENT APPLICATION PUBLICATIONS**[Remove](#)

| Examiner Initial* | Cite No | Publication Number | Kind Code <sup>1</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|                   | 1       |                    |                        |                  |   |  |

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)**FOREIGN PATENT DOCUMENTS**[Remove](#)

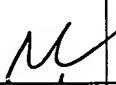
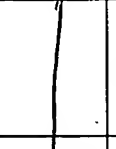

| Examiner Initial* | Cite No | Foreign Document Number <sup>3</sup> | Country Code <sup>2</sup> ; | Kind Code <sup>4</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T <sup>5</sup>           |
|-------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
| <i>μ</i>          | 1       | 0349453                              | EP                          | A1                     | 1989-04-21       | Martani et al.                                  |  | <input type="checkbox"/> |
| <i>μ</i>          | 2       | 0040224                              | WO                          |                        | 2000-07-13       | Cumming et al.                                  |  | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button.

[Add](#)**NON-PATENT LITERATURE DOCUMENTS**[Remove](#)*Neil Levy**12/09/07*


**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |                |            |
|------------------------|----------------|------------|
| Application Number     |                | 10814527   |
| Filing Date            |                | 2004-03-30 |
| First Named Inventor   | Robert Alpern  |            |
| Art Unit               | 1615           |            |
| Examiner Name          | Neil S. Levy   |            |
| Attorney Docket Number | ILPS 04021.101 |            |

| Examiner Initials*   | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>5</sup>           |
|--|---------|---|--------------------------|
|  | 1       | CUNA, M. et al., Controlled-release liquid suspensions based on ion-exchange particles entrapped within acrylic microcapsules, International Journal of Pharmaceutics, 2000, Vol. 199, pp. 151-158, Elsevier Science  | <input type="checkbox"/> |
|  | 2       | ICHIKAWA, H. et al., Use of ion-exchange resins to prepare 100 µm-sized microcapsules with prolonged drug-release by the Wurster process, International Journal of Pharmaceutics, 2001, Vol. 216, pp. 67-76, Elsevier Science                                   | <input type="checkbox"/> |
|  | 3       | EP Search Report for counterpart foreign Application No. 05731099 dated May 8, 2007, 3 pages  | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

|                    |   |                 |          |
|--------------------|---|-----------------|----------|
| Examiner Signature |  | Date Considered | 12/09/07 |
|--------------------|---|-----------------|----------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

|                        |                |
|------------------------|----------------|
| Application Number     | 10814527       |
| Filing Date            | 2004-03-30     |
| First Named Inventor   | Robert Alpern  |
| Art Unit               | 1615           |
| Examiner Name          | Neil S. Levy   |
| Attorney Docket Number | ILPS 04021.101 |

## **U.S.PATENTS**

Remove

| Examiner Initial* | Cite No | Patent Number | Kind Code <sup>1</sup> | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
|                   | 1       |               |                        |            |   |  |

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

## **U.S.PATENT APPLICATION PUBLICATIONS**

Remove

| Examiner Initial* | Cite No | Publication Number | Kind Code <sup>1</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|                   | 1       |                    |                        |                  |   |  |

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

## **FOREIGN PATENT DOCUMENTS**

Remove

| Examiner Initial* | Cite No | Foreign Document Number <sup>3</sup> | Country Code <sup>2</sup> i | Kind Code <sup>4</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T <sup>5</sup>           |
|-------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
| M                 | 1       | 9749387                              | WO                          |                        | 1997-12-31       | Wooley et al.                                   |  | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button.

Add

## **NON-PATENT LITERATURE DOCUMENTS**

Remove

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>5</sup> |
|--------------------|---------|---|----------------|
|                    |         |   |                |

Neil Levy

12/09/07

|   |                        |                |            |
|---|------------------------|----------------|------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>( Not for submission under 37 CFR 1.99) | Application Number     |                | 10814527   |
|   | Filing Date            |                | 2004-03-30 |
|   | First Named Inventor   | Robert Alpern  |            |
|   | Art Unit               | 1615           |            |
|   | Examiner Name          | Neil S. Levy   |            |
|   | Attorney Docket Number | ILPS 04021.101 |            |

|  |              |   |                          |
|--|--------------|---|--------------------------|
| M  | 1            | EP Search Report for counterpart foreign Application No. EP 05732849 dated May 8, 2007. | <input type="checkbox"/> |
| If you wish to add additional non-patent literature document citation information please click the Add button  |              |   | Add                      |
| <b>EXAMINER SIGNATURE</b>  |              |   |                          |
| Examiner Signature   | Neil S. Levy |   | Date Considered 12/09/07 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  |              |   |                          |
| <small> <sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.         </small> |              |   |                          |